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Shigeo TAKAGI, et al.				
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		U.S. P	ATENT DOCUME	NTS	
EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
m.s.	AA	4,793,193	12/1988	Borgudd	
	AB	5,440,237	8/1995	Brown, et al.	
	AC	5,912,612	6/1999	Devolpi	
	AD	5,948,990	9/1999	Hashida	
	AE	5,949,354	9/1999	Chang	
	AF	6,087,925	7/2000	Devolpi	
-	AG	2001/0011994	8/2001	Morimoto, et al.	
	АН	6,313,826	11/2001	Schrum, et al.	
	AI	6,716,253	4/2004	Okada ,	
	AJ	6,772,632	8/2004	Okada	
mis.	AK	6,809,529	10/2004	Okada, et al.	
	AL		_		
	AM				
	AN				
		FOREIGN	PATENT DOCUM	IENTS	
		D0CUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
m·s.	AO	2001/311671	11/2001	JP	
mis.	AP	99 17180	4/1999	wo	
	ОТІ	IER ART (Includir	ng Author, Title, Da	te, Pertinent Dates, Etc.)	
	AQ	Patent Abstracts of Jap	oan, JP 2001/311671	1. November 9, 2001	
	AR				
	AS				
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EXAMINER:	Initial if citation o	onsidered, whether or n	ot citation is in con	formance with MPEP 609 form with next communic	; Draw line through citation if